

Ministry of
Colleges and
Universities

Apprenticeship
Training

Cement Mason

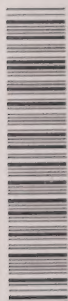
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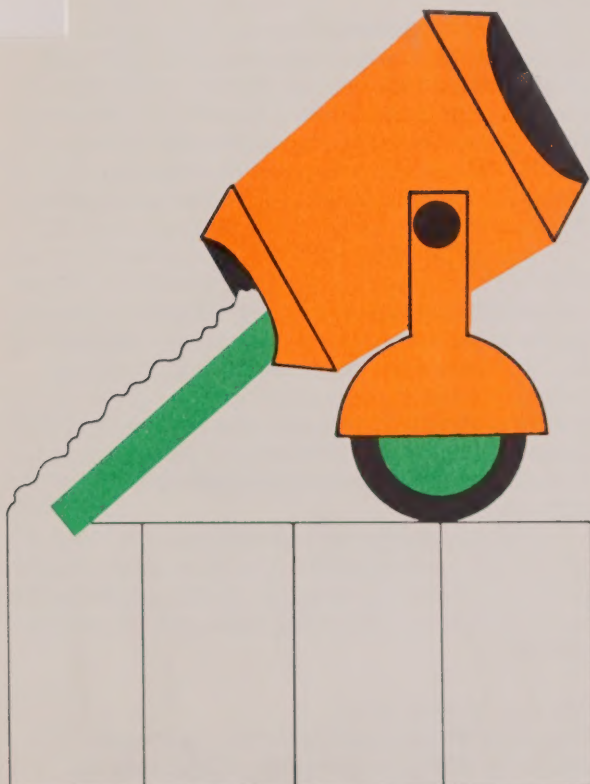
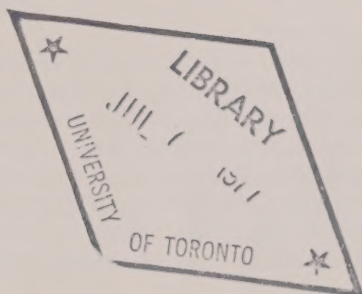
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The use of concrete in constructive and decorative ways is increasingly being advocated by architects and engineers for high-rise commercial and residential buildings, types of highway projects and other structures. Thoroughly trained cement masons are required to work the exposed concrete surfaces to high standards of architectural finish.

For those interested in a career in this vital and challenging vocation, the Industrial Training Branch of the Ministry of Colleges and Universities is sponsoring an attractive, modernized apprenticeship training program.

Qualifications

Applicants for apprenticeship must be 16 years or over and have a minimum of Grade 8 standing in Ontario or an equivalent level of education. There are no maximum age limits for apprentices, but they should be in good physical condition as there is considerable standing, kneeling and sustained physical effort. They should have an interest in mathematics, blueprint reading and chemistry.

Duties

The experienced cement mason in Ontario is responsible for a wide range of duties including job layout and planning; mixing, placing, curing and protecting concrete; finishing concrete; water-proofing and damp-proofing; and restoration. It is also necessary to know about materials composition and architectural pre-cast and cast in-situ concrete.

Training

The apprenticeship training program for cement mason tradesmen/women covers three periods of 2,000 hours each (equivalent to approximately 3 years), consisting of practical on-the-job training under the supervision of an experienced journeyman/journeywoman and related instruction at a college of applied arts and technology.

The related courses of instruction are compulsory and include an eight-week basic course, an intermediate course, and an advanced course near the end of the apprenticeship contract.

Training Allowances

When apprentices attend courses, their tuition fees, living allowances and travel expenses are paid by the Federal Department of Manpower and Immigration and the Ministry of Colleges and Universities under a shared-cost agreement.

Earning While Learning

While training on the job, apprentices earn while they learn. Their wages are based on a percentage of those paid a journeyman or journeywoman in the same trade in the same shop. An apprentice in this trade receives 60 per cent of the prevailing rate for journeymen/women in the area during the first period of apprenticeship. The rate advances to 75 per cent and 90 per cent in each of the succeeding periods.

At the conclusion of each 2,000 hour period, apprentices must receive the recommendation of their employer before proceeding to the next period of the contract.

Certificates of Apprenticeship

On completion of the three periods, apprentices must write a final examination. A passing mark of 60 per cent will entitle them to a certificate of Apprenticeship. The Certificate of Qualification is issued by the Ministry of Colleges and Universities for this trade, on the payment of a \$10 fee. This Certificate need not be renewed.

Employment Prospects

A continued rapid increase in the employment of cement masons is expected. In addition to openings resulting from the growth of the trade, replacement needs will create hundreds of other job opportunities for new workers each year in residential construction, industrial and commercial construction, and restoration work.

Once the apprentice attains the status of journeyman/woman, individual abilities usually determine the rate of advancement to an administrative position or the ownership of a business.

Enquiries

All enquiries concerning apprenticeship should be addressed to the nearest district office listed on the back of this leaflet, or to the

Director,
Ontario Industrial Training Branch,
Ministry of Colleges and Universities,
Mowat Block, 900 Bay Street,
Toronto, Ontario, M7A 2B5.

District Offices
Industrial Training Branch

Barrie 728-1951
Belleville 968-8671
Brantford 756-5197
Brockville 342-9447
Chatham 352-2800
Cornwall 933-6080
Guelph 821-3770
Hamilton 527-9105
Hawkesbury 632-2759
Kenora 468-3128
Kingston 544-5400
Kitchener-Waterloo 884-5460
London 453-7190
North Bay 474-5509
Oshawa 576-0171
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Pembroke 735-1041
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Sarnia 542-7751
Sault Ste. Marie 949-3331
Stoney Creek 664-5116
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Ontario

Ministry of
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Industrial
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Hon. Harry C. Parrott, DDS, Minister
Dr. J. Gordon Parr, Deputy Minister